

MARCORSYSCOM

- MARCORSYSCOM (PM TMDE) is responsible for AN/USM-646, Gold Disk, & Microminature Solder Program Management and funding (including hardware procurement) for Ground side of Marine Corps. Includes overall program direction and interface with other Services.
- MARCORLOGBASES (ATE Program Fleet Support Unit) responsible for interface to FMF for Gold Disk Coordination and Technical Support.

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- Currently have fielded 142 AN/USM-646's with approximately 21 per MEF
 - Each MEF has assets in the following units:
 - FSSG (**ELMACO**, CommCo, & OrdMaintCo)
 - Wing (MACS, MASS, MTACS, & MWCS)
 - Div (CommCo)
 - MEF Assets (CommBn, IntelBn, & RadioBn)
 - Supporting Establishment
 - Schools (MCCES) (including maintenance section)
 - Depots
 - Misc (EAAP, Blount Island, & MCB Quantico)

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- Ground USMC has primary MOS 2881 for Circuit Card Repair. Training consists of AN/USM-646 and Microminature Soldering (Currently also includes crypto training but that is being phased out).
- Ground USMC also has decided to utilize additional MOS 8641 for CCA repair (includes training on AN/USM-646 & Microminature Soldering) Many different occupational fields can get training (electronics & ordinance)

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- AN/USM-646 is complementary to our ATE Program (not competitive)
- We use AN/USM-646 to supplement our ATE Systems
 - ATE System (TPS) troubleshoots to a CCA, module, or ambiguity group, then we use AN/USM-646 to find faulty component (if necessary). We also use AN/USM-646 as stand-alone with Gold Disk.
- Desire to use ATE or Weapon System to verify CCA or module when repaired using USM-646

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- Gold Disk Program
 - Only two authorized developers (Albany & Barstow Depots)
 - USMC Gold Disk & Operating Software coordinator located at MCLB Albany
 - Fleet Marine Force submits Silver Disks or Gold Disk candidates to coordinator @Albany. I don't believe that Fleet should develop Gold Disks (only Silver to meet urgent needs).
 - Have standardized on new controller (PC) and fielded to all AN/USM-646's.
 - Planning to upgrade all AN/USM-646's to ProTrack during FY02-FY04
 - When PinPoint ready USMC will field to ELMACO's only.